TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. (Under 37 CFR 1.97(b) or 1.97(c)) DP-309906/DE3-0323 In Re Application Of: WILLIAM WITTIG ET AL. Serial No. Filing Date Examiner **Group Art Unit** 10/807,752 NYA NYA March 28, 2003 Title: VEHICLE SPEED DEPENDENT COMPENSATION FOR ELECTRIC STEERING SYSTEMS Address to: **Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313-1450 37 CFR 1.97(b) The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. 37 CFR 1.97(c) 2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of: the statement specified in 37 CFR 1.97(e); OR ☐ the fee set forth in 37 CFR 1.17(p).

## TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT Docket No. DP-309906/DE3-0323 (Under 37 CFR 1.97(b) or 1.97(c)) In Re Application: WILLIAM WITTIG ET AL. Group Art Unit Examiner Filing Date Serial No. NYA **NYA** March 28, 2003 10/807,752 EED DEPENDENT COMPENSATION FOR ELECTRIC STEERING SYSTEMS Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p)) □ A check in the amount of is attached. 06-1130 as described below. Charge the amount of Credit any overpayment. Charge any additional fee required. Certificate of Mailing by First Class Mail Certificate of Transmission by Facsimile\* I certify that this document and fee is being deposited I certify that this document and authorization to charge deposit with the U.S. Postal Service account is being facsimile transmitted to the United States on April 13, 2004 as first class mail under 37 C.F.R. 1.8 and is Patent and Trademark Office (F: addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 223/13-1450. (Date) Signature of Person Mailing Correspondence Signature Carline Mathews Typed or Printed Name of Person Mailing Certificate Typed or Printed Name of Person Signing Certificate \*This certificate may only be used if paying by deposit account. Dated: April 13, 2004 Troy J. LaMontagne Registration No. 47,239 CANTOR COLBURN LLP 55 Griffin Road South Bloomfield, CT 06002 Telephone: (860) 286-2929 Customer No. 23413 CC:

Exam.	Document	U.   Date	S. PATENT   Name	DOCUMENTS	Class	Sub	Filing Date
Init.	Number					Class	(if approp.)
	3,898,544	08/05/75	Tanikosl	ni	318	254	02/05/73
	3,919,609	11/11/75	Klautsch	ek et al.	318	227	06/27/73
	4,027,213	05/31/77	de Valro	ger	318	138	03/18/75
	4,135,120	01/16/79	Hoshimi	et al.	318	138	01/12/78
	4,217,508	08/12/80	Uzuka		310	46	04/07/78
	4,240,020	12/16/80	Okuyama	a et al.	318	721	06/30/78
	4,392,094	07/05/83	Kühnleir	1	318	254	09/05/80
	4,447,771	05/08/84	Whited		18	661	08/31/81
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				Applicant   WILLIAM WITTIG	ET AL.		
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				DOCUMENTS			
Exam. nit.	Document   Number	Date 	Name 		Class 	Sub   Class	Filing Date   (if approp.)
	4,511,827	04/16/85	Morinag	a et al.	318	254	08/03/82
	4,556,811	12/03/85	Hendricl	cs	310	266	10/26/84
	4,558,265	12/10/85	Hayashio	la et al.	318	561	03/02/83
	4,633,157	12/30/86	Streater		318	723	08/27/84
	4,686,437	08/11/87	Langley	et al.	318	254	09/17/86
	4,688,655	08/25/87	Shimizu		180	79.1	07/31/86
	4,745,984	*05/24/88	Shimizu		180	79.1	07/17/86
	4,814,677	03/21/89	Plunkett		318	254	12/14/87
	4,835,448	05/30/89	Dishner	et at.	318	254	12/28/87
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29 318   318   425   318   318   NTS   Class	596   254   254   145   696   721   Subclass 	03/19/87   04/12/88   05/19/88   06/23/89   07/19/89   03/13/90   Translation   Yes   No
318   318   425   318   318   NTS   Class	254   254   145   696   721   Subclass 	04/12/88   05/19/88   06/23/89   07/19/89   03/13/90
318   318   425   318   318   NTS   Class	254   254   145   696   721   Subclass 	04/12/88   05/19/88   06/23/89   07/19/89   03/13/90
318   318   425   318   318   NTS   Class	254   254   145   696   721   Subclass 	04/12/88   05/19/88   06/23/89   07/19/89   03/13/90
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318   318   425   318   318	254  254  145  696  721	04/12/88   05/19/88   06/23/89   07/19/89   03/13/90
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318	254   254   145	04/12/88
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			 	Applicant WILLIAM WITTIG	ET AL.		
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				DOCUMENTS			
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I	5,040,629	08/20/91	Matsuoka	ı et al.	180	79.1	05/15/90
	5,063,011	11/05/91	Rutz et al		264	126	06/12/89
1	5,069,972	12/03/91	Versic		428	407	09/12/88
	5,076,381	12/31/91	Daido et	al.	180	79.1	07/10/89
	5,122,719	06/16/92	Bessenye	i et al.	318	629	02/27/91
	5,223,775	06/29/93	Mongeau		318	432	10/28/91
1	5,239,490	08/24/93	Masaki e	 t al.	364	565	09/12/90
	5,331,245	07/19/94	Burgbach	er et al.	310	186	07/23/91
			FOREIG	N PATENT DOCUM	1ENTS		
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			S. PATENT DOCUMENTS						
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	5,349,278	09/20/94	Wedeen	318	632	05/13/93			
	5,361,210	11/01/94	Fu .	364	424.05	09/09/92			
	5,428,285	06/27/95	Koyama et al.	318	799	04/07/93			
	5,433,541	07/18/95	Hieda et al.	400	279	12/13/93			
	5,444,341	08/22/95	Kneifel, II et al.	318	432	11/04/93			
	5,460,235	10/24/95	Shimizu	180	79.1	12/20/94			
	5,461,293	10/24/95	Rozman et al.	318	603	05/12/93			
	5,467,275	11/14/95	Takamoto et al.	364	426.01	03/19/93			
	FOREIGN PATENT DOCUMENTS								
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			Applio	cant IAM WITTIG ET	AL.		
		TI	Filing   MARO   Filing	CH 28, 2003		roup YA	
xam.   nit.	Document   Number	Date	Name 		Class	Sub   Class	Filing Date   (if approp.)
	5,469,215	11/21/95	Nashiki	1	318	432	07/29/94
	5,475,289	12/12/95	McLaughlin et a	1. [	318	432	11/04/94
	5,493,200	02/20/96	Rozman et al.	1	322	10	05/12/93
	5,517,415	05/14/96	Miller et al.		364	424.05	10/26/94
	   5,554,913	09/10/96	Ohsawa		318	434	12/06/94
	5,568,389	10/22/96	McLaughlin et a	il.	364	424.05	03/11/94
	   5,569,994	10/29/96	Taylor et al.	<u></u>	318	700	10/27/94
	5,579,188	11/26/96	Dunfield et al.		360	99.08	06/06/95
			FOREIGN PAT	ENT DOCUME	NTS		
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			Applicant WILLIAM WITT	TIG ET AL.		
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			S. PATENT DOCUMENTS			
Exam. Init.	Document   Number	Date	Name 	Class 	Sub   Class	Filing Date   (if approp.)
	5,585,708	12/17/96	Richardson et al.	318	800	02/06/95
	5,616,999	04/01/97	Matsumura et al.	318	632	02/10/95
	5,623,409	04/22/97	Miller	364	424.051	10/31/94
	5,642,044	06/24/97	Weber	324	207.25	09/05/95
	5,656,911	08/12/97	Nakayama et al.	318	718	12/20/95
	5,668,721	09/16/97	Chandy	701	41	10/02/95
	5,672,944	09/30/97	Gokhale et al.	318	254	10/22/96
	5,701,065	12/23/97	Ishizaki	318	701	01/11/96
			FOREIGN PATENT DOC	UMENTS		
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			Applicant   WILLIAM WI	ITIG ET AL.				
			Filing Date   MARCH 28, 20		roup YA			
			S. PATENT DOCUMENTS					
Exam. Init.	Document   Number	Date 	Name 	Class 	Sub   Class	Filing Date   (if approp.)		
	5,704,446	01/06/98	Chandy et al.	180	446	10/02/95		
	5,719,766	02/17/98	Bolourchi et al.	364	424.052	10/02/95		
	5,739,650	04/14/98	Kimura et al.	318	254	07/24/95		
	5,777,449	07/07/98	Schlager	318	459	12/31/96		
	5,780,986	07/14/98	Shelton et al.	318	432	09/20/96		
	5,803,197	09/08/98	Hara et al.	180	248	08/09/96		
	5,811,905	09/22/98	Tang	310	179	01/07/97		
	5,852,355	12/22/98	Turner	318	701	05/23/97		
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			Applicant WILLIAM WIT	TTIG ET AL.		
			Filing Date   MARCH 28, 20		oup YA	
		U.	S. PATENT DOCUMENTS			
xam. nit.	Document   Number	Date	Name	Class	Sub   Class	Filing Date   (if approp.)
	5,881,836	03/16/99	Nishimoto et al.	180	446	04/04/97
	5,898,900	04/27/99	Richter et al.	455	3.2	02/11/97
	5,919,241	07/06/99	Bolourchi et al.	701	41	12/13/96
	5,920,161	07/06/99	Obara et al.	318	139	05/26/98
	5,929,590	07/27/99	Tang	318	701	01/07/97
	5,962,999	10/05/99	Nakamura et al.	318	432	07/29/98
	5,963,706	10/05/99	Baik	388	804	10/23/97
	5,977,740	11/02/99	McCann	318	701	12/23/97
	5,984,042	11/16/99	Nishimoto et al.	180	446	02/21/97
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			Applicant   WILLIAM WITTIG	ET AL.				
			Filing Date   MARCH 28, 2003	•	roup YA			
		U.S	S. PATENT DOCUMENTS					
Exam. Init.	Document   Number	Date	Name 	Class	Sub   Class	Filing Date   (if approp.)		
	5,992,556	11/30/99	Miller	180	446	04/15/97		
	6,002,226	12/14/99	Collier-Hallman et al.	318	439	06/17/98		
	6,002,234	12/12/99	Ohm et al.	318	729	03/09/98		
	6,009,003	12/28/99	Yeo	363	37	01/06/98		
	6,034,460	*03/07/00	Tajima et al.	310	179	04/11/97		
	6,034,493	03/07/00	Boyd et al.	318	254	02/05/98		
	6,043,624	03/28/00	Masaki et al.	318	723	06/10/98		
	6,049,182	04/11/00	Nakatani et al.	318	432	12/18/97		
	6,122,579	09/19/00	Collier-Hallman et al.	701	41	05/28/99		
	6,129,172	10/10/00	Yoshida et al.	180	446	07/15/98		
			FOREIGN PATENT DOCUM	MENTS				
	Document   Number	Date 	Country	Class 	Subclass	Translation  Yes  No		
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				Applicant   WILLIAM WITTIG	ET AL.		
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Exam. nit.	Document   Number	Date	Name	DOCOMENTS	Class	Sub   Class	Filing Date   (if approp.)
	6,647,329 B2	11/11/03	Kleinau	ı et al.	701	41	
	6,658,335 B2	12/2/03	Kleinau	et al.	701	41	
	4,869,335	09/26/89	Takahas	hi	180	140	
	4,951,199	08/21/90	Whitehe	ad	364	424.05	
	5,001,637	03/19/91	Shiraish	i et al.	364	424.05	
	5,044,956	09/03/91	Behensk	xy et al.	434	45	
	5,307,892	05/03/94	Phillips		180	79.1	
	5,338,250	08/16/94	Swilley	et al.	452	136	
	5,429,548	07/04/95	Long et	al.	452	127	
	5,449,199	09/12/95	Heinricl	ns et al.	280	775	
			FOREIC	ON PATENT DOCUM	IENTS		
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		Atty. Docket No.   DP-309906/DE3-0	•	al No. 10/807,	752
		Applicant   WILLIAM WITTI	G ET AL.		
		Filing Date   MARCH 28, 2003			
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Document   Number	Date 	Name 	Class	Sub   Class	Filing Date   (if approp.)
5,513,720	05/07/96	Yamamoto et al.	180	141	
5,704,446	01/06/98	Chandy et.al.	180	446	 
5,717,590	02/10/98	Mihalko	364	424.051	
5,719,766	02/17/98	Bolourchi et al.	364	424.052	
5,765,116	06/09/98	Wilson-Jones et al.	701	41	
5,774,819	06/30/98	Yamamoto et al.	701	41	
5,890,081	03/30/99	Sasaki	701	37	
5,913,375	06/22/99	Nishikawa	180	168	
6,055,467	04/25/00	Mehring et al.	701	23	
6,079,513	06/27/00	Nishizaki et al.	180	402	
		FOREIGN PATENT DOCU	UMENTS		
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	5,513,720   5,704,446   5,717,590   5,719,766   5,765,116   5,774,819   5,890,081   5,913,375   6,055,467   6,079,513   Document   Number	Document   Date   Number	DP-309906/DE3-0   Applicant   WILLIAM WITTI   Filing Date   MARCH 28, 2003     Document   Date   Name       S,513,720   05/07/96   Yamamoto et al.     5,704,446   01/06/98   Chandy et.al.     5,717,590   02/10/98   Mihalko     5,719,766   02/17/98   Bolourchi et al.     5,765,116   06/09/98   Wilson-Jones et al.     5,774,819   06/30/98   Yamamoto et al.     5,890,081   03/30/99   Sasaki     5,913,375   06/22/99   Nishikawa     6,055,467   04/25/00   Mehring et al.     6,079,513   06/27/00   Nishizaki et al.     FOREIGN PATENT DOCUMENTS (Including Author, Title, Date, Forther Document   Date   Country	DP-309906/DE3-0323   Applicant   WILLIAM WITTIG ET AL.   Filing Date   Gr   MARCH 28, 2003   NY   NY   MARCH 28, 2003   NY   MARCH 28, 2003   NY   NY   MARCH 28, 2003   NY   MARCH 28, 2003   NY   NY   NY   NY   NY   NY   NY   N	DP-309906/DE3-0323   Applicant   WILLIAM WITTIG ET AL.   Filing Date   MARCH 28, 2003   NYA

<sup>\*</sup>Examiner: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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			S. PATENT DOCUMENTS		10.1	LTOUR D. A.		
Exam. nit.	Document   Number	Date	Name 	Class 	Sub   Class	Filing Date   (if approp.)		
	6,154,695	11/28/00	Shimizu et al.	701	41			
	6,219,604	04/17/01	Dilger et al.	701	41			
	6,240,350	05/29/01	Endo	701	41	1		
	5,482,129	1/9/96	Shimizu	180	79.1	l 		
	5,668,722	9/16/97	Kaufmann et al.	701	41			
	5,470,040	4/14/98	Kifuku et al.	364	424.051			
	5,801,504	09/1/98	Endo et al.	318	434			
	5,979,587	11/9/99	Liubakka et al.	180	446			
	6,381,528 B1	4/30/02	Kawada et al.	701	41			
	6,425,454 B1	7/30/02	Chabaan et al.	180	443			
	FOREIGN PATENT DOCUMENTS							
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\*Examiner: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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2002/00	17885 A1  2/14/02	2   Endo	318	432			
6,381,52	8 B1   4/30/02	Kawada et al.	701	41			
6,658,3	35 B2  12/2/03	Kleinau	701	41			
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